

Minerals Program
NOI Review Checklist Form
(revised March 11, 1992)

Type of Form: MR-LMO _____ MR-REV ☒

File Number: M/049/001-92(1)

Review Team: Lead: H. Shepherd
(Please check when review is complete)

Company: Geneva Steel

Hyd/Geo: Wayne Hedberg ☐

Mine Name: Keigley Quarry

Soil/Veg: Holland Shepherd ☒

Date Received: 3-4-92

Eng/Bond: Tony Gallegos ☒

Target Date: 4-4-92

RULE:

R613-004-101: Lead Filing Requirements and Review Procedures
Adequately Addressed ☒ Yes ☐ No If no, comment:

R613-004-104: Lead Operator(s), Surface and Minerals Owners
Adequately Addressed ☒ Yes ☐ No If no, comment:

R613-004-105: Maps, Drawings & Photographs
105.1: Lead Topographic base map
Adequately Addressed ☒ Yes ☐ No If no, comment:

105.2.11: All Proposed surface facilities (buildings, roads, ponds, etc.)
Adequately Addressed ☐ Yes ☐ No If no, comment:

n/a

105.2.12: Lead Border Outling Acreage
Adequately Addressed ☒ Yes ☐ No If no, comment:

105.3: All Maps, drawings, or cross-sections
Adequately Addressed ☐ Yes ☒ No If no, comment:

Need the submittal of a new cross-section of the pit area,
showing slopes of 2:1 or less steep
HWS

Roy Benson - will resubmit drawing showing less steep slopes
4-14-92 HWS

R6130-004-106: Operation Plan

106.1: Lead Material mined
Adequately Addressed ☒ Yes ☐ No If no, comment:

106.2: All Type of operation to be conducted
Adequately Addressed ☒ Yes ☐ No If no, comment:

106.3: Lead/Eng Estimated acreages
Adequately Addressed ☒ Yes ☐ No If no, comment:

106.4: All Nature of materials including waste/overburden and estimated tonnage
Adequately Addressed ☒ Yes ☐ No If no, comment:

106.5 Soils Existing soil types, location plant growth material
Adequately Addressed ☒ Yes ☐ No If no, comment:

106.6 Soils Plan for protecting & redepositing existing soils
Adequately Addressed ☐ Yes ☒ No If no, comment:

*Roy Benson - will submit plan for protection
4-14-92
HWS*

106.7 Reveg Existing vegetative communities to establish revegetation success
Adequately Addressed ☒ Yes ☐ No If no, comment:

106.8 Hyd/Geo/Eng Depth to groundwater, overburden material & geologic setting
Adequately Addressed ☐ Yes ☒ No If no, comment:

*n/a Roy Benson - 200-300ft
4-14-92
HWS*

106.9 All **Location & size of ore & waste stockpiles, tailings & treatment ponds**
Adequately Addressed ☒ Yes ☐ No If no, comment:

n/a

R613-004-107

Operation Practices

107.1.11 Eng **Closing or guarding of shafts & tunnels to prevent entry**
Adequately Addressed ☐ Yes ☐ No If no, comment:

n/a

107.1.12 Eng **Disposal of trash, debris**
Adequately Addressed ☒ Yes ☐ No If no, comment:

107.1.13 Geo **Plugging or capping of drill holes**
Adequately Addressed ☐ Yes ☐ No If no, comment:

n/a

107.1.14 Eng **Posting warning signs**
Adequately Addressed ☒ Yes ☐ No If no, comment:

107.1.15 Eng **Construction of berms, fences**
Adequately Addressed ☐ Yes ☐ No If no, comment:

n/a

107.2 and 107.3 Hyd/Eng Drainages and erosion control
Adequately Addressed ☒ Yes ☐ No If no, comment:

107.4 All Deleterious materials safely removed or isolated
Adequately Addressed ☐ Yes ☐ No If no, comment:

n/a

107.6 Reveg Concurrent reclamation on areas when no longer needed
Adequately Addressed ☒ Yes ☐ No If no, comment:

R613-004-109

109.1 Geo/Hyd Impact Assessment
Surface & groundwater systems
Adequately Addressed ☐ Yes ☒ No If no, comment:

Discuss impacts to GW
Ray Benson - no impacts
4-14-92 HWS

109.2 Bio/Reveg Wildlife habitat and endangered species
Adequately Addressed ☒ Yes ☐ No If no, comment:

109.3 Soils Existing soil resources
Adequately Addressed ☒ Yes ☐ No If no, comment:

109.4 All Slope stability, erosion control, air quality, public health & safety
Adequately Addressed ☒ Yes ☒ No If no, comment:

should be developed further in plan - HWS

109.5 All Actions proposed to mitigate any of above referenced impacts
Adequately Addressed ☐ Yes ☒ No If no, comment:

groundwater & erosion control need to be addressed - HWS

R613-004-110

Reclamation Plan

110.1 Lead/All **Current land use and postmining land use**
Adequately Addressed ☒ Yes ☐ No If no, comment:

110.2 All **Roads, highwalls, slopes impoundments, drainages, pits, ponds, drill holes, etc. will be reclaimed**
Adequately Addressed ☒ Yes ☒ No If no, comment:

110.3 All **Surface facilities to be left**
Adequately Addressed ☐ Yes ☐ No If no, comment:

n/a

110.4 All **Treatment, location and disposition of deleterious materials**
Adequately Addressed ☐ Yes ☐ No If no, comment:

n/a

110.5 Soil **Revegetation planting program and topsoil redistribution**
Adequately Addressed ☒ Yes ☐ No If no, comment:

R613-004-111

Reclamation Practices

111.1 Eng/Geo/Hyd **Permanent sealing of shafts & tunnels**
Adequately Addressed ☐ Yes ☐ No If no, comment:

n/a

111.2 Eng **Reclamation of natural stream channels**
Adequately Addressed ☐ Yes ☐ No If no, comment:

n/a

111.3 Hyd/Eng **Erosion control - sediment**
Adequately Addressed ☐ Yes ☒ No If no, comment:

should be developed further in plan - HWS

111.9 Eng/Hyd Dams & impoundments to be self-draining and stable
Adequately Addressed ___ Yes ___ No If no, comment:

n/a

111.11 Eng Structures & equipment buried or removed
Adequately Addressed ___ Yes ___ No If no, comment:

n/a

R613-004-112 All Variance
Adequately Addressed ☒ Yes ___ No If no, comment:

R613-004-113 Eng/Lead Surety
Adequately Addressed ☒ Yes ___ No If no, comment:

R613-004-115 Lead Confidential Information
Adequately Addressed ___ Yes ___ No If no, comment:

n/a

R613-004-116 Lead Public Notice & Appeals
Adequately Addressed ___ Yes ___ No If no, comment:

n/a size and impacts of revision places it in amendment category - HWS

Note to Reviewers:

When preparing your technical review memos to the permit lead, please formulate deficiency comments in paragraph form with reference to the specific rule. Be specific in what is not in compliance and state what is needed to comply. Prepare comments as you want them to go out to the operator.

jb
NOI-Rev